

Abstract: This work consists of two parts, general and special. On the special one was focused more attention.

In the general part we can learn basic information about anatomy, biomechanics and kinesiology of the knee. There is described the mechanism of injury of a soft knee, methods of examination and diagnosis, treatment of LCA rupture with conservative and surgical treatment and rehabilitation before and after a surgery.

The special part gives a detailed description of the case of study of a patient after ACL rupture. The study has been made during the continuous professional experience, which I undertook at the end of January and February in the Regional Hospital Kladno.